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Minoxidil-induced **hair growth** is mediated by **adenosine** in cultured dermal papilla ...

M Li, A Marubayashi, Y Nakaya, K Fukui, S ... - Journal of Investigative ..., 2001 - nature.com

The mechanism by which minoxidil, an **adenosine**-triphosphate-sensitive potassium channel opener, induces hypertrichosis remains to be elucidated. Minoxidil has been reported to stimulate the production of vascular endothelial **growth** factor, a possible promoter of **hair growth**, in ...

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Human **hair growth** in vitro- [biologists.org](#) [PDF]

MP Philpott, MR Green, T Kealey - Journal of Cell Science, 1990 - jcs.biologists.org

Page 1. Human **hair growth** in vitro MICHAEL P. PHILPOTT 1 \*, MARTIN R. GREEN 2 and TERENCE KEALEY 1 \* ... **Hair growth**, which is effected by the division of the **hair** follicle matrix cells under control of the dermal papilla, is cyclical in the mammal. ...

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Control of **hair growth** and follicle size by VEGF-mediated angiogenesis- [nih.gov](#)

K Yano, LF Brown, M Detmar - Journal of Clinical Investigation, 2001 - Am Soc Clin Investig

... Minoxidil-Induced **Hair Growth** is Mediated by **Adenosine** in Cultured Dermal Papilla Cells: Possible Involvement of Sulfonylurea Receptor 2B as a Target of Minoxidil Ming Li, Azusa Marubayashi, Yutaka Nakaya, Kiyoshi Fukui, Seiji Arase J Invest Dermatol 117(6):1594. ...

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[PDF] [Minoxidil: mechanisms of action on \*\*hair growth\*\*](#)

AG Messenger, J Rundegren - British Journal of Dermatology, 2004 - dslaboratories.co.uk

... of VEGF in the outer root sheath increased perifollicular vascularization and led to accelerated **hair growth** following depilation and the **growth** of larger ... from experiments on cultured dermal papilla cells.41 They found that **adenosine** also increases VEGF release and ...

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... Improves Cell Proliferation, Wound Healing, and **Hair Growth**\* 1- [Full Text@IngeniaConnect](#)

LL Sun, LL Xu, TB Nielsen, P Rhee, D Burris - Journal of Surgical Research, 1999 - Elsevier

... Available online 27 March 2002. Abstract. Background. N 6 -Cyclopentyladenosine (CPA), a structural analog of **adenosine**, is a vasodilator with extensive pharmacological effects. However, little is known about the effect of CPA on wound healing and **hair growth**. Methods. ...

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[A2A \*\*adenosine\*\* receptor protects tumors from antitumor T cells- \[Full View\]\(#\)](#)

A Ohta, E Gorelik, SJ Prasad, F ... - Proceedings of the ..., 2006 - National Acad Sciences

... 1 b), increased **adenosine** metabolism, and the concomitant increase in cAMP (29) in a solid tumor microenvironment (Fig. ... defined tumors in A2AR -/- mice often showed central necrosis, and, in some mice, their disappearance and healing were accompanied by **hair** loss. ...

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["... of the mitogen-activated protein kinase SIMK in regulation of root \*\*hair\*\* tip \*\*growth\*\*](#)

J Šamaj, M Ovecka, A Hlavacka, F Lecourieux, ... - The EMBO ..., 2002 - pubmedcentral.nih.gov

... of active SIMK affects root **hair** formation and **growth**. In order to see whether SIMK is necessary for root **hair growth**, both gain-of-function and loss-of-function constructs of SIMK (SIMK-GOF and SIMK-LOF) were produced and stably expressed in transgenic tobacco. ...

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[... and expression of tyrosinase gene in relation to \*\*hair\*\* cycle and dexamethasone ...](#)

G Ermak, A Slominski - Journal of Investigative Dermatology, 1997 - nature.com

... 217: 1163–1165, 1982 | PubMed | ISI | ChemPort |; Kuchler, K, Thorne, J: Secretion of peptides lacking hydrophobic signal sequence: the role of **adenosine** triphosphate-driven ... Paus, R, Maurer, M, Slominski, A, Czarnecki, B: Mast cell involvement in murine **hair growth**. ...

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[Molecular mechanisms of androgenetic alopecia.](#) - [haaronline.com](#) [PDF]

RM Trüeb - Experimental gerontology, 2002 - Elsevier

... dermal papilla cells are believed to influence **growth** of other components of the **hair** follicle.

Current available treatment modalities with proven efficacy are oral finasteride, a competitive inhibitor of type 2 5 $\alpha$ -reductase, and topical minoxidil, an **adenosine**-triphosphate-sensitive ...

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